

**REMARKS/ARGUMENTS**

After the above amendment, claims 1-10, 12 and 19-28 are currently pending in this application. Claims 1-5, 7-10 and 12 have been amended, claims 11 and 13-18 have been cancelled without prejudice and new claims 19-28 have been added.

The Examiner asserted that the present application included claims directed to the following patentably distinct species:

Claims 1-6 drawn to an apparatus having a "parallel output shift register."

Claims 7-18 drawn to an apparatus/ a method having a "memory for storing input data."

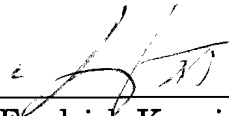
Applicant respectfully submits the amendment of claims renders the election requirement moot. All of the claims now include the "parallel output shift register." Some of the dependent claims also include the "memory for storing input data." However, the "memory for storing input data" as now used in the claims is not a species of the "parallel output shift register," but a further component that operates with the "parallel output shift register." Accordingly, the claim amendment renders the species election requirement moot.

To the extent required, Applicants elect to prosecute the Species drawn to an apparatus / a method having a "memory for storing input data" as now claimed in conjunction with the "parallel output shift register." The species limitation is found in dependent claims 5-6, 8-10, 12, 20-22 and 26-28, but the other claims are all generic to the species.

Reconsideration and allowance of claims 1-10, 12 and 19-28 is respectfully  
requested

Respectfully submitted,

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